

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028914**Date Inspected:** 21-Dec-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Fred Michels**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** SAS Tower and OBG**Summary of Items Observed:**

Caltrans Office of Structural Material (OSM) Quality Assurance Inspector (QAI) Joselito Lizardo was present at the Self Anchored Suspension (SAS) job site as requested to perform observations on the welding of components for the San Francisco Oakland Bay Bridge (SFOBB) Project.

At Tower elevation 155 meters, QA noted ABF welder Richard Garcia and one of the ABF personnel setting up the bracket plate and the surface of the tower head ladder bracket relocation when heavy rain poured continuously during the early shift. The welder has waited for some time for the rain to stop but to no avail. Due to this bad rainy and windy weather condition, the welder has decided to quit the prep and fillet welding of the tower ladder bracket.

This QAI continued to perform survey on the completion status of Tower Base Electro Slag Welding repairs. It was noted that there are still outstanding repairs that were inspected by ABF QC and verified by QA. Exploratory excavations on suspected transverse indications are still continuing but no welding repairs are ongoing where these excavations have been made.

FW Spencer:

As for FW Spencer, there was no welding activity performed by the welder today. FW Spencer personnel were noted continuing laying pipes at the east bound of the bridge along the E5 grid line.

Summary of Conversations:

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Today's weather at the job site was windy and rainy. Due to this weather condition, the welders were sent home early.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact SMR Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Lizardo, Joselito
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Quality Assurance Inspector

Reviewed By:	Reyes, Danny
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QA Reviewer
